

Tender Inviting Authority: Superintending Engineer Electricity Civil Distribution Circle, PVVNL, Meerut

Name of Work: Miscellaneous Civil Construction & Maintenance works at 33/11 K.V S/S Gohra, Hapur.

T.S. No: 43/ECDC/MRT/2022-23

Name of the Bidder/
Bidding Firm /
Company

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender.
Bidders are allowed to enter the Bidder Name and Values only)

| Sl. No. | Item Description | Quantity | Units | Estimated Rate in Rs. P | TOTAL AMOUNT in Rs. P | TOTAL AMOUNT in Words |
|---------|--|----------|-------|-------------------------|-----------------------|--|
| 1 | 2 | 4 | 5 | 6 | 7 | 8 |
| 1 | Excavation in foundation in ordinary soil (Loam Clay or Sand) including lift upto 1.5m and lead upto 30m and including filling, watering and ramming of excavated earth into the trenches or into the space between the building and sides of the foundation work. CSI No. 4.01 | 35.00 | Cum | 172.00 | 6020.00 | INR Six Thousand & Twenty Only |
| 2 | Local fine sand filling in plinth including supply of necessary quantity of local sand from outside the UPPCL premises including watering, ramming and dressing etc. Rate to include cost of all materials, labour and T&P etc. required for proper completion of work. CSI No. 4.05 | 5.00 | Cum | 1583.00 | 7815.00 | INR Seven Thousand Eight Hundred & Fifteen Only |
| 3 | Clearing jungle including uprooting of rank vegetations, grass, bush, wood, trees and saplings of girth upto 30cm measured at a height of 1.0m above ground level and removal of rubbish upto a distance of 50m outside the periphery of UPPCL area cleared. CSI No. 4.08 | 30.00 | Sqm | 7.00 | 210.00 | INR Two Hundred & Ten Only |
| 4 | Earth filling under floors and/or sub station area including cost of earth when obtained from within 8 km outside UPPCL area including its royalty and carriage, loading/unloading, spreading, watering, ramming in 20 cm layers and dressing of earth etc. for proper completion of the work. CSI No. 4.10 | 66.00 | Cum | 414.00 | 27324.00 | INR Twenty Seven Thousand Three Hundred & Twenty Four Only |
| 5 | Concrete with 4cm gauge I class brick ballast, coarse sand (F.M. 1.8 to 2.5) and cement in proportion of 12:6:1 in foundations and under floors including supply of all materials, labour and tools and plants etc. required for proper completion. (CSI No. 5.01) | 8.00 | Cum | 4859.00 | 38872.00 | INR Thirty Eight Thousand Eight Hundred & Seventy Two Only |
| 6 | Concrete with 4cm gauge stone ballast, coarse sand (F.M. 1.8 to 2.5) & cement in proportion of 12:6:1 in foundations & under floors including supply of all materials, labour and tools and plants etc. required for proper completion. (CSI No. 5.02) | 10.00 | Cum | 5337.00 | 53370.00 | INR Fifty Three Thousand Three Hundred & Seventy |
| 7 | Cement concrete with 2cm gauge approved hard stone ballast, coarse sand (F.M. 1.8 to 2.5) and cement in proportion of 4:2:1 including supply of all materials, labour, side shuttering if required and T&P etc. required for proper completion of work. CSI No. 5.06 | 1.00 | Cum | 6868.00 | 6868.00 | INR Six Thousand Eight Hundred & Sixty Eight Only |
| 8 | Precast cement concrete door sills, chaukhats boundary posts, shelves and similar small work with cement, approved coarse sand (F.M. 1.8 to 2.5) and 2 cm gauge graded approved hard stone ballast in the proportion 1:1.5:3, excluding reinforcement but including fixig the same in position including cost of all other material, labor and T&P. (CSI No. 5.22) | 1.00 | Cum | 8774.00 | 8774.00 | INR Eight Thousand Seven Hundred & Seventy Four Only |
| 9 | Concreting of 40 mm thick RCC trench covers in mild steel frame work with RCC 1:1.5:3 in Cement, Chohan coarse sand (F.M. 1.8 to 2.5) and 2cm gauge graded hard stone ballast with 3mm thick floating coat of neat cement finish on top of cover complete with all labour, materials and placing the same in proper position at required location of cable trench within the substation area. (CSI No. 5.18) | 5.00 | SQM | 340.00 | 1700.00 | INR One Thousand Seven Hundred Only |
| 10 | RCC work with cement, approved coarse sand (F.M. 1.8 to 2.5) and 2 cm gauge graded approved hard stone ballast like granite, quartzite etc from Dalla, Jhansi or other quarries in proportion 1:1.5:3 In lintels of doors and windows, excluding supply of reinforcement & its bending but including its fixing and binding the same with binding wire, including cost of all other materials labour and T&P. (CSI No. 5.23) | 1.00 | Cum | 8427.00 | 8427.00 | INR Eight Thousand Four Hundred & Twenty Seven Only |
| 11 | RCC work with cement, approved coarse sand (F.M. 1.8 to 2.5) and 2 cm gauge graded approved hard stone ballast like granite, quartzite etc from Dalla, Jhansi or other quarries in proportion 1:1.5:3 In slab, excluding supply of reinforcement & its bending but including its fixing and binding the same with binding wire, including cost of all other materials labour and T&P (CSI No. 5.24) | 7.20 | Cum | 9706.00 | 69883.20 | INR Sixty Nine Thousand Eight Hundred & Eighty Three and Paise Twenty Only |
| 12 | RCC work with cement, approved coarse sand (F.M. 1.8 to 2.5) and 2 cm gauge graded approved hard stone ballast like granite, quartzite etc from Dalla, Jhansi or other quarries in proportion 1:1.5:3 In lighter beams i.e. having span upto 6m, excluding supply of reinforcement & its bending but including its fixing and binding the same with binding wire, including cost of all other materials labour and T&P (CSI No. 5.25) | 1.00 | Cum | 10506.00 | 10506.00 | INR Ten Thousand Five Hundred & Six Only |
| 13 | RCC work with cement, approved coarse sand (F.M. 1.8 to 2.5) and 2 cm gauge graded approved hard stone ballast like granite quartzite etc from Dalla, Jhansi or other quarries in proportion 1:1.5:3 In raft foundation and footings, excluding supply of reinforcement & its bending but including its fixing and binding the same with binding wire, including cost of all other materials labour and T&P. (CSI No. 5.27) | 8.00 | Cum | 8036.00 | 64288.00 | INR Sixty Four Thousand Two Hundred & Eighty Eight Only |

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| 14 | RCC work with cement, approved coarse sand (F.M. 1.8 to 2.5) and 2 cm gauge graded approved hard stone ballast like granite, quartzite etc from Dalla, Jhansi or other quarries in proportion 1:1.5:3 In RCC T beam-slab and column, excluding supply of reinforcement & its bending but including its fixing and binding the same with binding wire, including cost of all other materials labour and T&P . (CSI No. 5.29) | 1.20 | Cum | 10880.00 | 12799.20 | INR Twelve Thousand Seven Hundred & Ninety Nine and Paise Twenty Only |
| 15 | First class brick (class-150) work in 1:6 cement and coarse sand (F.M. 1.8 to 2.5) mortar in foundation and plinth including supply of all materials, labour & T&P etc. required for proper completion of work. CSI No. 6.01 | 8.00 | Cum | 4859.00 | 38872.00 | INR Thirty Eight Thousand Eight Hundred & Seventy Two Only |
| 16 | First class brick (class-150) work in 1:6 cement and coarse sand (F.M. 1.8 to 2.5) mortar in super structure including necessary cutting and moulding of bricks as required and also including honeycomb brick work for wall of one brick thick (230mm) including supply of all materials, labour & T&P etc. required for proper completion of work. CSI No. 6.01+6.07+6.08 | 25.00 | Cum | 5516.00 | 137900.00 | INR One Lakh Thirty Seven Thousand Nine Hundred Only |
| 17 | First class brick (class-150) work in 1:4 cement and coarse sand (F.M. 1.8 to 2.5) mortar in super structure including necessary cutting and moulding of bricks as required and also including honeycomb brick work for wall of 1½ brick thick (115mm) including supply of all materials, labour & T&P etc. required for proper completion of work. CSI No. 6.03+6.07+6.09 | 2.00 | Cum | 5845.00 | 11690.00 | INR Eleven Thousand Six Hundred & Ninety Only |
| 18 | Brick work in foundation & plinth with old dismantled bricks (supplied by department free of cost) and coarse sand of F.M. 1.8 to 2.5 mortar in 1:6 including supply of all other materials, labour, removing mortar & cleaning of old & used bricks, T&P etc complete. (CSI No. 6.18) | 5.00 | Cum | 2857.00 | 13285.00 | INR Thirteen Thousand Two Hundred & Eighty Five Only |
| 19 | Same as in item 6.18 above but in super structure for 230 mm thick wall. (CSI No. 6.19) | 2.00 | Cum | 3314.00 | 6628.00 | INR Six Thousand Six Hundred & Twenty Eight Only |
| 20 | Supply and filling brick bat in soak pit including all labour, material and T&P etc required for proper completion of work. CSI No. 6.23 | 1.50 | Cum | 1251.00 | 1876.50 | INR One Thousand Eight Hundred & Seventy Six and Paise |
| 21 | 2.5 cm. thick damp proof course of cement concrete consisting of 1 part cement 1.5 parts approved coarse sand (F.M. 1.8 to 2.5), and 3 parts approved 12 mm. graded stone grit and also including liquid water proofing material as approved by the Engineer-In-charge in the proportions specified by the manufacturer. (CSI No. 7.02) | 10.00 | Sqm | 322.00 | 3220.00 | INR Three Thousand Two Hundred & Twenty Only |
| 22 | Dismantling existing barbed wire fencing including making bundles and stacking etc. complete. (labour rates only). CSI No. 9.06 (b) | 0.70 | RM | 2.00 | 1.40 | INR One and Paise Forty Only |
| 23 | Mild Steel or Iron work in heavy sizes such as trusses built up gables, door frames, record racks, roof work, window / boundary grill or railing and T/F Rail etc. wrought to required form including holes rivetting or welding where necessary and also fixing in proper position and alignment including cost of all materials, labour and T&P required for proper completion of work. CSI No. 9.01 | 0.70 | M.T. | 83076.00 | 58153.20 | INR Fifty Eight Thousand One Hundred & Fifty Three and Paise Twenty Only |
| 24 | TMT or Tor steel in plain work such as reinforced concrete or reinforced brick work (when not included in an over all rates) wrought to required shape as necessary including bending for proper completion of the work and including supply of steel its wastage, bend, hooks and authorized overlapping shall be measured separately. CSI No. 9.03 | 1.80 | M.T. | 74620.00 | 134316.00 | INR One Lakh Thirty Four Thousand Three Hundred & Sixteen Only |
| 25 | 12 mm thick plaster with cement mortar consisting of one part of cement & three part of coarse sand (1:3), minimum thickness not to be less than 10 mm including supply of all material labour and T&P etc for proper completion of work. CSI No. 11.06 | 8.20 | Sqm | 198.00 | 1623.60 | INR One Thousand Six Hundred & Twenty Three and Paise Sixty Only |
| 26 | 12 mm thick plaster with cement mortar consisting of one part of cement & four part of coarse sand (1:4), minimum thickness not to be less than 10 mm including supply of all material, labour and T&P etc for proper completion of work. CSI No. 11.07 | 1235.00 | Sqm | 183.00 | 226005.00 | INR Two Lakh Twenty Six Thousand & Five Only |
| 27 | 12 mm thick plaster with cement mortar consisting of one part of cement & six part of coarse sand (1:6), minimum thickness not to be less than 10 mm including supply of all material, labour and T&P etc for proper completion of work. CSI No. 11.09 | 30.00 | Sqm | 173.00 | 5190.00 | INR Five Thousand One Hundred & Ninety Only |
| 28 | Add for extra labour to all items of plaster if done in ceiling. CSI No. 11.10 | 600.00 | Sqm | 21.40 | 12840.00 | INR Twelve Thousand Eight Hundred & Forty Only |
| 29 | Add for extra labour and materials for plaster over rough face of one brick thick wall. (CSI No. 11.12) | 600.00 | Sqm | 24.00 | 14400.00 | INR Fourteen Thousand Four Hundred Only |
| 30 | 2 cm. thick cement plaster in dado or skirting in 1:2 consisting of one part of cement and two parts of approved coarse sand laid in panels finished with 3mm. floating coat of neat cement or cement and marble dust in ratio of 5:1 including supply of all materials, labour & T&P etc. required for proper completion of the work. CSI No. 11.13 | 5.00 | Sqm | 266.00 | 1330.00 | INR One Thousand Three Hundred & Thirty Only |
| 31 | S/mixing approved water proofing compound / hardner (CICO, DR FIXIT etc) in cement mortar in plaster or concrete work in the proportion as recommended by the manufacturer. CSI No. 11.15 | 25.00 | Kg | 47.00 | 1175.00 | INR One Thousand One Hundred & Seventy Five Only |
| 32 | Providing (12x15) mm section groove in plaster including all material, labour and T&P etc. required for proper completion of the work. CSI No. 11.16 | 110.00 | Rmt | 12.00 | 1320.00 | INR One Thousand Three Hundred & Twenty Only |
| 33 | Making drip course (25x12) mm in 1:2 cement and coarse sand including supply of all materials, labour and T&P etc required for proper completion of work. CSI No. 11.19 | 50.00 | Rmt | 11.00 | 550.00 | INR Five Hundred & Fifty Only |
| 34 | 3 mm thick floating coat of neat cement finish including supply of all materials, labour and T&P etc. required for proper completion of the work. (cement consumption 0.044 bag/Sq.m.) CSI No. 11.20 | 20.00 | Sqm | 19.00 | 380.00 | INR Three Hundred & Eighty Only |

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| 35 | 4.0 cm thick 1:2:4 plain cement concrete floor with cement, approved coarse sand & 2cm graded approved stone ballast laid in panels finished with 3mm floating coat of neat cement or cement and marble dust in ratio of 5:1 as specified and removing any overlapping mortar at the joints of the panels if any and giving them a uniform finish including supply of all materials, labour and T&P etc. required for proper completion of the work. without base CC. (CSI No. 12.04) | 25.00 | Sqm | 401.00 | 10025.00 | INR Ten Thousand & Twenty Five Only |
| 36 | First class bricks on edge floor laid dry, joints filled with sand, including preparation of base to proper slope and its ramming including supply of all material labour & T&P etc. required for proper completion of the work. (CSI No. 12.07) | 5.00 | Sqm | 530.00 | 2650.00 | INR Two Thousand Six Hundred & Fifty Only |
| 37 | Supply and Laying 8 mm thick glazed floor tiles of Somany, Johnson or equivalent make, laid with 1:3 cement and approved coarse sand mortar finished with white cement slurry, jointing and polishing complete, including supply of all materials, labour and T&P etc. required for proper completion of the work. (CSI No. 12.11) | 5.00 | SQM | 1067.00 | 5335.00 | INR Five Thousand Three Hundred & Thirty Five Only |
| 38 | Providing and laying 18 mm. thick Kota stone in flooring or skirting over base cement mortar 1:4 mix and jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing complete and including supply of all materials labour and T&P etc required for proper completion of the work. (CSI No. 12.17) | 35.00 | SQM | 1124.00 | 39340.00 | INR Thirty Nine Thousand Three Hundred & Forty Only |
| 39 | Providing and fixing glass strips of 3.15 mm thickness & 40 mm depth in joints of floor and skirting at the time of laying floors, flush with floor level including supply of all materials, labour & T&P etc. completion required for proper completion of work. (CSI No. 12.14) | 10.00 | RM | 31.00 | 310.00 | INR Three Hundred & Ten Only |
| 40 | Supply of 80 mm thick I shaped mechanically compressed inter locking cement concrete paver block manufactured by high pressure & controlled vibration machine having plan dimension 200X(160+120 mm) with minimum 5 mm thick topping of O.P.Cement mixed with 25% marble powder. The compressive strength of concrete pavers blocks shall not be less than 30 MPa & 4.5 Kg/No. including cost of all material, labour, T&P etc. required for proper completion of work as directed by Engineer-in-charge but excluding G.S.T. which shall be paid extra as per rules. (CSI No.12.23) | 165.00 | SQM | 980.00 | 161700.00 | INR One Lakh Sixty One Thousand Seven Hundred Only |
| 41 | Providing and laying of 16 mm thick granite (black/ brown) in flooring or skirting, of approved shade, colour, size and pattern, laid over base cement mortar 1:4 mix including finishing the joints with white cement mixed with pigment to match the shade of granite floor including cost of all material, labour and T&P required for proper completion of the work, as per direction of Engineer incharge. (CSI No.12.20) | 5.00 | SQM | 2856.00 | 14280.00 | INR Fourteen Thousand Two Hundred & Eighty Only |
| 42 | Painting or varnishing new iron work in small areas or new wood work with one coat of ready mixed priming paint and one coat of approved superior quality ready mix paint "Luxol" or equivalent brand or varnish including supply of all materials, labour and T&P etc. required for proper completion of the work. Paint to be used should conform to the I.S. 103-1950. (CSI No. 13.01) | 15.00 | Sqm | 71.00 | 1065.00 | INR One Thousand & Sixty Five Only |
| 43 | Same as item No. 13.01 above but for every coat after first coat. (CSI No. 13.02) | 70.00 | Sqm | 35.00 | 2450.00 | INR Two Thousand Four Hundred & Fifty Only |
| 44 | Same as item No. 13.01 above but for every coat on previously painted old wood or iron work as required, for proper completion of work. (CSI No. 13.03) | 70.00 | Sqm | 47.00 | 3290.00 | INR Three Thousand Two Hundred & Ninety Only |
| 45 | One priming coat and one coat oil bound acrylic distemper on new work including supply of all materials, labour and T&P etc. required for proper completion of the work. (CSI No. 13.08) | 50.00 | Sqm | 65.00 | 3250.00 | INR Three Thousand Two Hundred & Fifty Only |
| 46 | Same as item No. 13.08 but for every coat after the first coat. (CSI No. 13.09) | 350.00 | Sqm | 27.00 | 9450.00 | INR Nine Thousand Four Hundred & Fifty Only |
| 47 | As in item 13.08 but for every coat on previously old oil bound distempered surface. (CSI No. 13.10) | 350.00 | Sqm | 33.00 | 11550.00 | INR Eleven Thousand Five Hundred & Fifty Only |
| 48 | Applying Birla or equivalent putty on new interior or exterior surface over one coat of water based cement primer of ICI or equivalent brand for smoothening and levelling of the surface as per requirement and direction of Engineer I/C including cost of all material, labour, T & P etc required for proper completion of work. (CSI No. 13.20) | 30.00 | Sqm | 84.00 | 2520.00 | INR Two Thousand Five Hundred & Twenty Only |
| 49 | Applying BIRLA PUTTY or equivalent putty on previously painted surface for smoothening and leveling of the surface as per requirement and direction of E/I including cost of all material, labour and T&P required for proper completion of work. (CSI No.13.21) | 567.00 | Sqm | 41.00 | 23247.00 | INR Twenty Three Thousand Two Hundred & Forty Seven Only |
| 50 | Painting one coat with APEX or equivalent brand weather coat paint on new wall surfaces (well prepared with Birla putty and one coat of primer ICI or equivalent which shall be paid separately) including through washing with water including cost of all materials, labour, T&P required for proper completion of work. (CSI No. 13.22) | 15.00 | Sqm | 90.00 | 1350.00 | INR One Thousand Three Hundred & Fifty Only |
| 51 | Same as in item no 13.22 above but for every coat of additional APEX or equivalent brand weather coat paint. (CSI No. 13.23) | 1250.00 | Sqm | 41.00 | 51250.00 | INR Fifty One Thousand Two Hundred & Fifty Only |
| 52 | Same as in item 13.22 but for each coat of APEX or equivalent brand weather coat paint on previously treated surface. (CSI No. 13.24) | 200.00 | Sqm | 62.00 | 12400.00 | INR Twelve Thousand Four Hundred Only |
| 53 | Painting one coat with Acrylic emulsion paint of Berger/ Asian/ ICI or equivalent paint (Paint and water in the ratio 1:1 by volume) over prepared and primed surface of cement concrete, cement plaster and bricks including all labour, material and T&P etc required for proper completion of the work, (preparation of base with Birla putty etc. and a coating of primer shall be paid extra). (CSI No. 13.25) | 15.00 | Sqm | 90.00 | 1350.00 | INR One Thousand Three Hundred & Fifty Only |

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| 54 | Same as above in item no. 13.25 but for every coat after first coat of Acrylic emulsion paint of Berger/ Asian/ ICI or equivalent paint. (CSI No. 13.26) | 5.00 | Sqm | 41.00 | 205.00 | INR Two Hundred & Five Only |
| 55 | Same as above in item no. 13.25 but one coat of Acrylic emulsion paint of Berger/ Asian/ ICI or equivalent paint on previously painted surface. (CSI No. 13.27) | 5.00 | Sqm | 62.00 | 310.00 | INR Three Hundred & Ten Only |
| 56 | Dismantling brick work or stone work in lime or cement mortar and including stacking of materials as directed by the Engineer-in-charge within a distance of 60 metres. (CSI No. 15.01) | 5.20 | Cum | 505.00 | 2626.00 | INR Two Thousand Six Hundred & Twenty Six Only |
| 57 | Dismantling reinforced cement concrete or reinforced brick work, including stacking of dismantled materials as directed by the Engineer-In-charge within a distance of 60 metres. (CSI No. 15.03) | 4.00 | Cum | 1128.00 | 4512.00 | INR Four Thousand Five Hundred & Twelve Only |
| 58 | Dismantling cement concrete or brick or granolithic floors including base concrete and including stacking of dismantled materials as directed by the Engineer In-charge within a distance of 60 metres.. (CSI No. 15.05) | 12.00 | Sqm | 58.00 | 696.00 | INR Six Hundred & Ninety Six Only |
| 59 | Dismantling existing plaster including disposal of refuse as directed by the Engineer-I/C within a distance of 60 M. (CSI No. 15.11) | 600.00 | Sqm | 41.00 | 24600.00 | INR Twenty Four Thousand Six Hundred Only |
| 60 | Scrapping old white or colour wash or distemper including disposal of refuse as directed by the Engineer-I/C within a distance of 60 M. (CSI No. 15.12) | 180.00 | Sqm | 13.00 | 2340.00 | INR Two Thousand Three Hundred & Forty Only |
| 61 | Boring with 150 mm dia casing pipe to a probable depth of 50 M from ground level with skilled and unskilled labour including all T & P, boring apparatus, supervision charges etc required for proper completion of work as per direction of Engineer I/C. (CSI No. 19.41 as per SOR 2020-21) | 60.00 | RM | 216.00 | 12960.00 | INR Twelve Thousand Nine Hundred & Sixty Only |
| 62 | Extracting of casing pipe 150 mm Dia after completion of lowering of pipe assembly including all labour and T&P etc complete as per direction of Engineer I/C. (CSI No. 19.42 as per SOR 2020-21) | 60.00 | RM | 29.00 | 1740.00 | INR One Thousand Seven Hundred & Forty Only |
| 63 | Providing and lowering of 110mm outer dia PVC PIPES of Supreme/Astral or equivalent make (as approved by Engineer in-charge) 6 Kg/Sq mm Pressure pipe conforming to ISI 498S/1988 including cost of all materials, labour and T & P etc required for proper completion of work. (CSI No. 19.14 as per SOR 2020-21) | 48.00 | RM | 374.00 | 17952.00 | INR Seventeen Thousand Nine Hundred & Fifty Two Only |
| 64 | Providing and lowering of 110mm outer dia PVC PIPES of Supreme/Astral or equivalent make (as approved by Engineer in-charge) 6 Kg/Sq mm Pressure pipe conforming to ISI 498S/1988 with approx. 60x3 mm size slots all over surface of pipe and rolled with best quality plastic mesh binding with plastic wire as per direction of Engineer in-charge including cost of all materials, labour and T & P etc required for proper completion of work. (CSI No. 19.15 as per SOR 2020-21) | 12.00 | RM | 482.00 | 5784.00 | INR Five Thousand Seven Hundred & Eighty Four Only |
| 65 | Providing and laying of 25 mm dia PVC PIPES with special such as tee, sockets etc for laying submersible cable including excavation of trenches size 300x300 mm and back filling of the same for proper completion of work. (CSI No. 19.18 as per SOR 2020-21) | 10.00 | RM | 45.00 | 450.00 | INR Four Hundred & Fifty Only |
| 66 | Supply and fixing of PVC. bail plug of heavy quality including all labour material & T&P (a) 110 mm dia. (CSI No. 19.19(a)) | 1.00 | No | 273.00 | 273.00 | INR Two Hundred & Seventy Three Only |
| 67 | Supply and fixing of PVC top plug of heavy quality including all labour material & T&P. (b) 110 mm dia. (CSI No. 19.20(b)) | 1.00 | No | 273.00 | 273.00 | INR Two Hundred & Seventy Three Only |
| 68 | Supply and fixing support clamps for column pipes made out of MS flats, pairs of bolt-nuts etc complete with all material, labour, T&P. (CSI No. 19.24(e)) | 1.00 | No | 281.00 | 281.00 | INR Two Hundred & Eighty One Only |
| 69 | Supply and stacking pee gravel properly at levelled ground for measurement as directed by Engineer I/C, including all labour, T&P required for proper completion of work. (CSI No. 19.25) | 2.00 | Cum | 5349.00 | 10698.00 | INR Ten Thousand Six Hundred & Ninety Eight Only |
| 70 | Lowering of M.S. column pipe in tubewell including supply of nuts, and bolts, packing and also carriage of pipe from workshop to site including all labour, T&P etc. required for proper completion of the work.(c) 32 mm dia. (CSI No. 19.27(c)) | 1.00 | RM | 113.00 | 113.00 | INR One Hundred & Thirteen Only |
| 71 | Supply and fixing of 1.20m long holding support clamps for 300 to 100mm dia tube well pipes. made out of MS flats, pairs of bolt-nuts etc complete with all material, labour, T&P. (CSI No. 19.21) | 1.00 | No | 505.00 | 505.00 | INR Five Hundred & Five Only |
| 72 | Development of tubewell by O.P. Unit (5 HP to 10 HP submersible pump set), including bringing Column pipe for the OP unit, assembling, electric connections, running for required period, dismantling and taking out & carrying away and cleaning the site with cost of all labour, materials, T&P and fuel / Electricity Charges etc required for proper completion of work and as per direction of Engineer-in-charge. (CSI No. 19.14) | 1.00 | Hours | 715.00 | 715.00 | INR Seven Hundred & Fifteen Only |
| 73 | Supply & installation of electrical control panel of L&T / Havells or equivalent make for submersible pump / pumpset containing contractor relay condenser. (b) For 1.5/2.00 HP pump set single phase. (CSI No. 19.31 (b)) | 1.00 | No | 5321.00 | 5321.00 | INR Five Thousand Three Hundred & Twenty One Only |
| 74 | Supply & Installation of submersible pump of K.S.B/ CALAMA. or eqt. make including cost of labour, T&P and material required for completion of work. b) 1.5 HP outlet 40mm dia. or more, Head 71/36, Discharge 2000/6000 LPH. (CSI No. 19.32(b)) | 1.00 | No | 20466.00 | 20466.00 | INR Twenty Thousand Four Hundred & Sixty Six Only |
| 75 | Supply and fixing of submersible cable Havells or equivalent make, for submersible pump complete in all respect. b) 2.5 mm2 for pump above 1 HP and up to 3 HP. (CSI No. 19.33(b)) | 30.00 | RM | 102.00 | 3060.00 | INR Three Thousand & Sixty Only |
| 76 | Supply & fixing of steel wire rope for submersible pump including cost of labour, T&P and material required for completion of work. (CSI No. 19.34) | 60.00 | RM | 42.00 | 2520.00 | INR Two Thousand Five Hundred & Twenty Only |
| 77 | Renewing panes of 4.8 to 5.7 mm glass including supply of glass with putty and brads including supply of all materials, labour and T&P etc. required for proper completion of the work.(a) glass of 5 mm thick. (CSI No. 20.04) | 3.00 | Sqm | 854.00 | 2562.00 | INR Two Thousand Five Hundred & Sixty Two Only |

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| 78 | (i) Same as above item but 4 mm thick panes. CSI No. 20.04 (b) | 3.00 | Sqm | 836.00 | 2508.00 | INR Two Thousand Five Hundred & Eight |
| 79 | Wiring point for light with 1.5 sq. mm. FR PVC Insulated multistrand single copper conductor cable in PVC conduit pipe concealed in the wall, 14 SWG copper PVC coated Earth continuity wire, and approved quality, plano type switch ceiling rose/angle/batten holder as per approved sample on 3mm thick phenolic laminated bakelite sheet etc. of matching shade with wall colour complete in all respect. (As per Agr. 13/2021-22/SE., ECDC, Meerut) | 4.00 | Nos | 520.00 | 2080.00 | INR Two Thousand & Eighty Only |
| 80 | Wiring point for fan/fresh air fan (light duty exhaust fan) 1.5 sq. mm FR PVC Insulated multistrand single core copper conductor cable PVC conduit pipe concealed in the wall, 14 SWG copper earth continuity wire and approved quality, plano type switch & ceiling rose as per approved sample on 3mm thick phenolic laminated bakelite sheet etc. of matching shade with wall colour complete in all respects as per direction of E/I. (As per Agr. 13/2021-22/SE., ECDC, Meerut) | 2.00 | Nos | 596.00 | 1192.00 | INR One Thousand One Hundred & Ninety Two Only |
| 81 | Wiring point for plug with 1.5 sq. mm FR PVC Insulated multistrand single core copper conductor cable in PVC conduit pipe concealed in the wall 14 SWG copper earth continuity wire and approved quality type switch and socket as per approved sample etc. of matching shade with wall colour complete in all respects as per direction of E/I (As per Agr. 13/2021-22/SE., ECDC, Meerut) | 2.00 | Nos | 278.00 | 556.00 | INR Five Hundred & Fifty Six Only |
| 82 | Supply and fixing of power plug with 15A/240V V flush type switch and 5 pin 15A/250V flush type universal socket in suitable M.S. box of 175mmx100mmx50mm size with phenolic laminated bakelite sheet cover 3mm thick fixed with brass machine screw and cup washer. (As per Agr.13/2021-22/SE., ECDC, Meerut) | 2.00 | Nos | 276.00 | 552.00 | INR Five Hundred & Fifty Two Only |
| 83 | Circuit wiring using 2 runs of 4.0 sq.mm+ 1 run of 2.5 sqmm PVC Insulated copper wire drawn in 25mm dia 2 mm thick PVC conduits. Power circuits being reckoned from distribution board to first Power control switch Boards. (for power points 15 Amp) PSI No. 221 (c) | 18.00 | RM | 122.00 | 2196.00 | INR Two Thousand One Hundred & Ninety Six Only |
| 84 | Supply and fixing 6A to 32A SP MCB C curve- 10 KA PSI No. 1002 | 2.00 | Nos | 132.00 | 264.00 | INR Two Hundred & Sixty Four Only |
| 85 | d) 63 Amp. Isolator PSI NO.1004 (B) | 1.00 | Nos | 148.00 | 148.00 | INR One Hundred & Forty Eight Only |
| 86 | Surface flush mounted 8 ways S.P.N. distribution board. (As per Agr. 13/2021-22/SE., ECDC, Meerut) PSI NO 1024 | 1.00 | Nos | 512.00 | 512.00 | INR Five Hundred & Twelve Only |
| 87 | Providing and fixing 15 mm dia B-class Jindal,JTC, ISI marked G.I. pipes complete with special such as bend, tee, socket, cross, clamp etc earth work including filling the trenches etc required for proper completion of the work. the rate also includes concealed GI fitting where required, cutting and making good the walls etc and all materials, labour and T&P complete. CSI No. 26.01(a) | 20.00 | RM | 190.00 | 3800.00 | INR Three Thousand Eight Hundred Only |
| 88 | Providing and fixing 20 mm dia B-class Jindal,JTC, ISI marked G.I. pipes complete with special such as bend, tee, socket, cross, clamp etc earth work including filling the trenches etc required for proper completion of the work. the rate also includes concealed GI fitting where required, cutting and making good the walls etc and all materials, labour and T&P complete. CSI No. 26.01(b) | 30.00 | RM | 228.00 | 6780.00 | INR Six Thousand Seven Hundred & Eighty Only |
| 89 | Providing and fixing 15 mm dia Jindal, JTC, ISI marked G.I. pipes complete with special such as bend, tee, socket, cross, clamp etc earth work including filling the trenches etc required for proper completion of the work. the rate also includes external GI fitting where required, cutting and making good the walls etc and all materials, labour and T&P complete. CSI No. 26.02(a) | 5.00 | RM | 163.00 | 815.00 | INR Eight Hundred & Fifteen Only |
| 90 | Providing and fixing 20 mm dia Jindal, JTC, ISI marked G.I. pipes complete with special such as bend, tee, socket, cross, clamp etc earth work including filling the trenches etc required for proper completion of the work. the rate also includes external GI fitting where required, cutting and making good the walls etc and all materials, labour and T&P complete. CSI No. 26.02(b) | 5.00 | RM | 194.00 | 970.00 | INR Nine Hundred & Seventy Only |
| 91 | Providing and fixing CP BRASS BIB COCK15 mm dia. HEAVY QUALITY (400gm) (L & K and equi.) fittings, ISI mark heavy quality including supply of all materials, labour and T&P required for proper completion of work. CSI No. 26.16(a) | 1.00 | No | 660.00 | 660.00 | INR Six Hundred & Sixty Only |
| 92 | Providing and fixing CP BRASS BIB COCK15 mm dia. HEAVY QUALITY (200gm) (L & K and equi.) fittings, ISI mark heavy quality including supply of all materials, labour and T&P required for proper completion of work. CSI No. 26.16(b) | 1.00 | No | 420.00 | 420.00 | INR Four Hundred & Twenty Only |
| 93 | Providing and fixing CP BRASS ANGLE VALVE 15 mm dia. HEAVY QUALITY (L & K and equi.) fittings, ISI mark heavy quality including supply of all materials, labour and T&P required for proper completion of work. CSI No. 26.16(l) | 2.00 | No | 571.00 | 1142.00 | INR One Thousand One Hundred & Forty Two Only |
| 94 | Providing and fixing CP BRASS STOP COCK 15 mm dia. HEAVY QUALITY(400Gms.) (L & K and equi.) fittings, ISI mark heavy quality including supply of all materials, labour and T&P required for proper completion of work. CSI No. 26.16(c) | 2.00 | No | 660.00 | 1320.00 | INR One Thousand Three Hundred & Twenty Only |
| 95 | Providing and fixing full way 15mm dia G.M. gate valve with wheel, ISI mark heavy quality including supply of all materials, labour and T&P required for proper completion of work. CSI No. 26.04(a) | 1.00 | No | 451.00 | 451.00 | INR Four Hundred & Fifty One Only |
| 96 | Providing and fixing full way 20mm dia G.M. gate valve with wheel, ISI mark heavy quality including supply of all materials, labour and T&P required for proper completion of work. CSI No. 26.04(b) | 1.00 | No | 631.00 | 631.00 | INR Six Hundred & Thirty One Only |
| 97 | Providing and fixing PVC BALL FLOAT VALVE 15 mm dia. WITH BRASS & UNION COMPLETE, ISI mark heavy quality including supply of all materials, labour and T&P required for proper completion of work. CSI No. 26.06(a) | 1.00 | No | 242.00 | 242.00 | INR Two Hundred & Forty Two Only |
| 98 | Supply and fixing of Syntex or equivalent make water storage tank including all materials, labours, T&P etc required for proper completion of work. (CSI No. 26.12) | 1000.00 | Per Liter | 11.00 | 11000.00 | INR Eleven Thousand Only |

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| 99 | Providing and fixing of 110 mm dia PVC pipe 6 Kg/ Sq.cm for with special such as Tee, bend, socket, elbow etc including supply of all labour, material, T & P etc complete required for proper completion of work. (CSI No. 26.17) | 15.00 | RM | 257.00 | 3855.00 | INR Three Thousand Eight Hundred & Fifty Five Only |
| 100 | Providing and fixing of 110 mm dia PVC pipe 4 Kg/ Sq.cm for with special such as Tee, bend, socket, elbow etc including supply of all labour, material, T & P etc complete required for proper completion of work. (CSI No. 26.18) | 2.00 | RM | 186.00 | 372.00 | INR Three Hundred & Seventy Two Only |
| 101 | Providing and Laying 80 mm thick factory made vibrated Interlocking CC tile M-35 grade over prepared subgrade with 50 mm thick fine sand layer making joints filled properly and finished in proper level and alignment including cost of all material, labour and T&P required for proper completion of work as per direction of E/I. <i>CSI No. 26.87 (As per SOR 2020-21)</i> | 6.00 | Sqm | 990.00 | 5940.00 | INR Five Thousand Nine Hundred & Forty Only |
| 102 | Providing and fixing first quality white glazed "Orissa" pattern W.C. Pan Hindustan, Cera make, size 580 mm. (Hindustan, Cera Make) with out "P" trap including supply of all materials, labour and T&P etc. complete. (CSI No. 27.01) | 1.00 | No | 2354.00 | 2354.00 | INR Two Thousand Three Hundred & Fifty Four Only |
| 103 | Providing and fixing 10 litres low level PVC flushing cistern, COMPLETE WITH ALL FITTINGS including supply of all materials, labour and T&P etc. required for proper completion of the work. (CSI No. 27.12) | 1.00 | No | 1320.00 | 1320.00 | INR One Thousand Three Hundred & Twenty Only |
| 104 | Providing and fixing in position 32 mm. dia P.V.C. flush pipe, for W.C. with unions, bends etc. including supply of all materials, labour and T&P etc. required for proper completion of the work. (CSI No. 27.13) | 1.00 | No | 112.00 | 112.00 | INR One Hundred & Twelve Only |
| 105 | Providing and laying SWR, PVC (Finolex or equivalent) pipe including cost of excavation, C.C etc including its jointing and connection, all materials, labour and T&P etc. required for proper completion of the work (a) 75 mm dia. <i>CSI No. 27.29(a)</i> | 1.00 | RM | 278.00 | 278.00 | INR Two Hundred & Seventy Eight Only |
| 106 | Providing and laying SWR, PVC (Finolex or equivalent) pipe including cost of excavation, C.C etc including its jointing and connection, all materials, labour and T&P etc. required for proper completion of the work (c) 110 mm dia. <i>CSI No. 27.29(c)</i> | 1.00 | RM | 388.00 | 388.00 | INR Three Hundred & Eighty Eight Only |
| 107 | Supply and fixing galvanised mosquito proof Jali (16x24 gauge) with M.S. flat of 20 x 3 mm. size, on both sides screwed or welded to window or door frame. <i>CSI No. 9.18</i> | 6.00 | Sqm | 632.00 | 3792.00 | INR Three Thousand Seven Hundred & Ninety Two Only |
| 108 | Removal of cinder from W.C. and bath and its disposal within 50 metres lead including cost of all labour and T&P etc. required for proper completion of the work. <i>CSI No. 27.22</i> | 2.00 | Cum | 119.00 | 238.00 | INR Two Hundred & Thirty Eight Only |
| 109 | Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations: (a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment. (b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs. (c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge. (d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement : 4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep. (e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test. All above operations to be done in order and as directed and specified by the Engineer-in-Charge : With average thickness of 120 mm and minimum thickness at khurra as 65 mm. (CSI No. 28.28) | 33.00 | Sqm | 990.00 | 32670.00 | INR Thirty Two Thousand Six Hundred & Seventy Only |
| 110 | Supply & fixing 32mm dia P.V.C. flexible pipe for water supply from submersible pump to outlet of boring. (Rate already Sanction vide S.E. OM no. 636/ECDC/MT/WT-1 dated 28.09.2017) <i>NSI</i> | 50.00 | RM | 116.00 | 5800.00 | INR Five Thousand Eight Hundred Only |
| 111 | P/F openable steel glazed windows and ventilators of standard rolled Z section conforming to IS 7452 1974 and welded with (100x20x5) mm holdfast embedded in C.C. block (23x11.5x7.5) cm size of 1:2:4 proportion of cement, coarse sand, & 20mm graded stone ballast as per drawing etc. complete but excluding S/F of glass panes of 4mm thick with nuts glazing clips with special putty of approved make etc. The fabrication should conform to IS 1038 1975. including cost of all materials, labour & T&P etc. (Rate already Sanction by Agr. No. 20/2017-18) <i>NSI</i> | 4.00 | Sqm | 1457.00 | 5828.00 | INR Five Thousand Eight Hundred & Twenty Eight Only |
| 112 | Same as above in item no. 102 above but for fixed portion. (Rate already Sanction by Agr. No. 20/2017-18) <i>NSI</i> | 2.00 | Sqm | 850.00 | 1700.00 | INR One Thousand Seven Hundred Only |
| 113 | CIRCUIT WIRING/ SUBMAIN WIRING: Circuit wiring starting from Distribution Box to point control box/switch box in PVC (Heavy) 25mm dia conduits, using accessories such as bends, tees, saddles, draw boxes, mounting boxes, inner plates, cover plates, ceiling rose etc. (including chase cutting & filling of chase where ever required) with PVC insulated 1100V grade FR multi-stranded copper conductor wire (color code to be used). Identification ferrules at both end to be provided. Circuit wiring using 2 runs of 2.5 sq.mm+ 1 run of 1.5sqmm PVC insulated copper wire drawn in 25mm dia 2 mm thick PVC conduits as lighting circuits being reckoned from distribution board to first light / Fan control switch Boards <i>PSI No. 1307 (c) UP PWD SOR 2009</i> | 70.00 | RM | 96.00 | 6720.00 | INR Six Thousand Seven Hundred & Twenty Only |

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| 114 | Circuit wiring using 2 runs of 6.0 sq.mm+ 1 run of 4.0 sqmm PVC insulated copper wire drawn in 25mm dia 2 mm thick PVC conduits as Power circuits being reckoned from PSI No. 222 (c) | 16.00 | RM | 170.00 | 2720.00 | INR Two Thousand Seven Hundred & Twenty Only |
| 115 | S/F ceiling fan of Orient new Breeze model/polar/Usha/GEC/ Crompton/Bajaj make of 1200 mm sweep with step electronic regulator incl. making connection with wire and testing etc as per sample approved by E/I before fixing of the same incl. cost all material, labour & T&P etc reqd for proper completion of work as per direction of E/I. (As per Agr. 11/2021-22/SE., ECDC, Meerut) NSI | 3.00 | Nos | 1785.00 | 5355.00 | INR Five Thousand Three Hundred & Fifty Five Only |
| 116 | Dismantalling and resoling brick on edge / Interlocking tiles floor with existing old bricks / Interlocking tiles laid dry joints filled with sand including preparation of base to proper slope and camber, its ramming including supply of labour, T&P required for proper completion of the work. CSI No. 26.111 (As per Schedule 2020-21) | 76.00 | Sqm | 138.00 | 10488.00 | INR Ten Thousand Four Hundred & Eighty Eight Only |
| 117 | S/F hexagonal fan box with hexagonal side approx. 80 mm in length fabricated from 15 SWG GI MS sheet incorporating 10 mm dia MS round bar duly bent for supporting fan hanger duly painted with red oxide and screwing arrangement with wiring conduit laid in the RCC roof before concreting along with supply of materials, labour, T&P required for proper completion of the work. PSI 1149 | 2.00 | Nos | 150.00 | 300.00 | INR Three Hundred Only |
| 118 | Water Proofing coat with 3mm thick neat cement layer including 200ml water proofing compound like as Dr. Fixit and other equivalent with all labour T&P.(Rate already Sanction by Agr. No. 14/2018-19) NSI | 38.00 | Sqm | 80.00 | 3040.00 | INR Three Thousand & Forty Only |
| 119 | Supply & fixing high tensile steel colour coated anti rust, high temp resistant sheet with tensile strength 550PMA hot dip metallic (Zink Aluminium) alloy (Nn 55%) Al, (45%) coating 70 GSM with total thickness not less than 0.45 mm (TCT) durashine or equivalent make with necessary over laps including (CSI 26.50 As per SOR 2020-21) | 35.00 | Sqm | 823.00 | 28805.00 | INR Twenty Eight Thousand Eight Hundred & Five Only |
| Total in Figures | | | | | 1625700.10 | INR Sixteen Lakh Twenty Five Thousand Seven Hundred and Paise Ten Only |
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